



July 10, 2012
Project No. 8128.01.08

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon 97201-4987

Re: Monthly Progress Report—June 2012
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is June 1, 2012, through June 30, 2012. The next report is due August 10, 2012.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Fieldwork

Groundwater monitoring continued through June in the performance monitoring wells.

Monthly water levels were collected on June 18, 2012. The monthly water levels are included in the attached MS Excel file.¹ On behalf of NW Natural (NWN), representatives of Hahn and Associates Inc. also coordinated water level collection in monitoring wells located on the Siltronic property.

During June, Siltronic provided access to representatives of NWN for installation of source control components.

Measurements of dense, non-aqueous phase liquid (DNAPL) from former manufactured gas plant (MGP) operations were collected in selected Group 1 and 2 PMWs on June 6, 2012. MGP DNAPL was measured in the following PMWs using an interface probe:

¹ Includes monthly water levels from January 2011 through June 2012; water levels from preceding years have previously been submitted.

- WS-33-81: thickness 1.6 ft.
- WS-43-36: thickness 8.2 ft.
- WS-15-85: thickness 2.7 ft.

Samples of MGP DNAPL were collected and submitted for analysis. Consistent with the February 27, 2012 MGP DNAPL submittal and DEQ's verbal approval, MFA staff removed MGP DNAPL from these three wells after sampling and thickness measurements were completed.

Actions to Be Taken in the Next Two Months

Groundwater elevations and DNAPL screening will be collected in July and August, 2012. Performance monitoring consistent with the revised performance monitoring program will continue in July and August.

Weekly measurement and removal of MGP DNAPL will continue through July.

Siltronic and its representatives will meet with DEQ on July 12, 2012 to discuss implementation of the NWN source control components and next steps for the EIB system.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

Some of the data collected through the June 2012 reporting period has been received but validation is not yet complete. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP. The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data, and soil vapor data received through the end of the reporting period (June 30, 2012). The data continue to indicate successful dechlorination of TCE and its degradation products.

PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

No additional problems were experienced.

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Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG
Senior Hydrogeologist



Ted Wall, PE
Principal Engineer

Attachments: MS Excel file (electronic only)

cc: Tom McCue, Siltronic Corporation
Alan Gladstone, Davis Rothwell Earle and Xochihua
Chris Reive, Jordan Schrader Ramis
Jim Anderson, DEQ
Kristine Koch, EPA
Sean Sheldrake, EPA Seattle
Rene Fuentes, EPA Seattle
Chip Humphrey, EPA Portland
Lance Peterson, CDM
Bob Wyatt, NW Natural
Patty Dost, Pearl Legal Group LLC
John Edwards, Anchor QEA LLC
Carl Stivers, Anchor QEA LLC
Rob Ede, Hahn and Associates, Inc.
Tom Gainer, DEQ
Henning Larsen, DEQ
Matt McClincy, DEQ